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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Thu Jun 07 18:09:28 EDT 2007

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Reviewer Comments:

<210> 24

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<221>

<222>

<223> fibrinogen-binding peptide - 9

<400> 24

Gly Pro Arg Xaa

1

The Xaa at location 4 in the above sequence is not explained; mandatory explanation needed.

\*\*\*\*\*

Application No: 10574872

Version No: 1.0

**Input Set:****Output Set:****Started:** 2007-06-07 14:28:59.921**Finished:** 2007-06-07 14:29:01.880**Elapsed:** 0 hr(s) 0 min(s) 1 sec(s) 959 ms**Total Warnings:** 36**Total Errors:** 16**No. of SeqIDs Defined:** 36**Actual SeqID Count:** 36

| Error code | Error Description                                     |
|------------|---|
| W 213      | Artificial or Unknown found in <213> in SEQ ID (1)    |
| E 257      | Invalid sequence data feature in <221> in SEQ ID (1)  |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (2)    |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (3)    |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (4)    |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (5)    |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (6)    |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (7)    |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (8)    |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (9)    |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (10)   |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (11)   |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (12)   |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (13)   |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (14)   |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (15)   |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (16)   |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (17)   |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (18)   |
| E 257      | Invalid sequence data feature in <221> in SEQ ID (18) |

**Input Set:**

**Output Set:**

**Started:** 2007-06-07 14:28:59.921  
**Finished:** 2007-06-07 14:29:01.880  
**Elapsed:** 0 hr(s) 0 min(s) 1 sec(s) 959 ms  
**Total Warnings:** 36  
**Total Errors:** 16  
**No. of SeqIDs Defined:** 36  
**Actual SeqID Count:** 36

| Error code | Error Description  |
|------------|--|
| E 341      | 'Xaa' position not defined SEQID (18) POS (4)  |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (19)  |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (20)<br>This error has occurred more than 20 times, will not be displayed |
| E 201      | Mandatory field data missing in <221> in SEQ ID (24)   |
| E 201      | Mandatory field data missing in <222> in SEQ ID (24)   |
| E 334      | Range not specified in the <222> in <222> in SEQ ID (24)   |
| E 224      | <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (24)                                   |
| E 257      | Invalid sequence data feature in <221> in SEQ ID (25)  |
| E 341      | 'Xaa' position not defined SEQID (25) POS (4)  |
| E 341      | 'Xaa' position not defined SEQID (28) POS (2)  |
| E 341      | 'Xaa' position not defined SEQID (28) POS (6)  |
| E 341      | 'Xaa' position not defined SEQID (28) POS (10)   |
| E 341      | 'Xaa' position not defined SEQID (29) POS (3)  |
| E 341      | 'Xaa' position not defined SEQID (30) POS (4)  |
| E 341      | 'Xaa' position not defined SEQID (31) POS (8)  |
| E 341      | 'Xaa' position not defined SEQID (33) POS (4)  |

SEQUENCE LISTING

<110> Goodall, Alison Helena  
Taylor, Sarah Margaret

<120> FIBRINOGEN TARGETING MICROPARTICLES FOR  
PROMOTING HAEMOSTASIS

<130> 430160.401USPC

<140> 10574872

<141> 2007-06-07

<150> US 10/574,872

<151> 2004-10-07

<150> PCT/GB2004/004235

<151> 2004-10-07

<150> GB 0323378.0

<151> 2003-10-07

<160> 36

<170> SeqWin99

<210> 1

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> RGD-containing motif of a-chain of fibrinogen -1

<220>

<221> X

<222> 4

<223> any amino acid

<400> 1

Arg Gly Asp Xaa

1

<210> 2

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> RGD-containing motif of a-chain of fibrinogen -2

<400> 2

Arg Gly Asp Phe

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<210> 3

<211> 4

<212> PRT  
 <213> Artificial Sequence  
  
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 <223> RGD-containing motif of a-chain of fibrinogen -3  
  
 <400> 3  
 Arg Gly Asp Ser  
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 <210> 4  
 <211> 12  
 <212> PRT  
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 <400> 4  
 His His Leu Gly Gly Ala Lys Gln Ala Gly Asp Val  
 1 5 10  
  
 <210> 5  
 <211> 20  
 <212> PRT  
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 <220>  
 <223> peptide representing aa 294-314 of GPIIb  
  
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 Ala Val Thr Asp Val Asn Gly Asp Arg His Asp Leu Leu Val Gly Ala  
 1 5 10 15  
  
 Pro Leu Tyr Met  
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 <210> 6  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence  
  
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 <223> peptide representing aa 296-306 of GPIIb, designated B12 peptide  
  
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 1 5 10  
  
 <210> 7  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence  
  
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 <223> peptide representing aa 300-312 of GPIIb

<400> 7  
 Gly Asp Gly Arg His Asp Leu Leu Val Gly Ala Pro Leu  
 1 5 10

<210> 8  
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<220>  
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<400> 8  
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<210> 9  
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<400> 9  
 Ala Pro Leu His Lys  
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<210> 10  
 <211> 5  
 <212> PRT  
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<220>  
 <223> fibrinogen-binding peptide - 2

<400> 10  
 Glu His Ile Pro Ala  
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<210> 11  
 <211> 12  
 <212> PRT  
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<220>  
 <223> peptide representing aa 211-222 of GPIIIa

<400> 11  
 Ser Val Ser Arg Asn Arg Asp Ala Pro Glu Gly Gly  
 1 5 10

<210> 12  
 <211> 11  
 <212> PRT  
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<220>  
 <223> variant of B12 peptide - 1  
  
 <220>  
 <222> 2  
  
 <400> 12  
 Thr Asp Val Asn Gly Asp Gly Arg His Asp Leu  
 1 5 10  
  
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 <222> 3  
  
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 Thr Asp Val Asn Gly Asp Gly Arg His Asp Leu  
 1 5 10  
  
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 <211> 11  
 <212> PRT  
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 Thr Asp Val Asn Gly Asp Gly Arg His Asp Leu  
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 <223> variant of B12 peptide - 4  
  
 <400> 15  
 Thr Asp Val Asn Gly Asp Gly Arg His Asp Leu  
 1 5 10  
  
 <210> 16  
 <211> 5  
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<400> 16  
 Gly Pro Arg Pro Lys  
 1 5

<210> 17  
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<220>  
 <223> N-terminal sequence of the a-chain of fibrin exposed by the action of thrombin

<400> 17  
 Gly Pro Arg Pro  
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<210> 18  
 <211> 4  
 <212> PRT  
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<220>  
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<220>  
 <221> X  
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<400> 18  
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<210> 19  
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<220>  
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<400> 19  
 Gly Pro Arg Pro  
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<210> 20  
 <211> 11  
 <212> PRT  
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<220>  
 <223> fragment of fibrinogen having inducible platelet-aggregating activity

<400> 20  
 His His Leu Gly Gly Ala Lys Gln Ala Asp Val  
 1 5 10



<210> 21  
 <211> 5  
 <212> PRT  
 <213> Artificial Sequence  
  
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 Gly Pro Arg Pro Cys  
 1 5  
  
 <210> 22  
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 <212> PRT  
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 1 5  
  
 <210> 23  
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 <212> PRT  
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 Gly Pro Arg Pro Gly Gly Gly Gly Gly Gly Cys  
 1 5 10  
  
 <210> 24  
 <211> 4  
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 <223> fibrinogen-binding peptide - 9  
  
 <400> 24  
 Gly Pro Arg Xaa  
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 <210> 25  
 <211> 4  
 <212> PRT  
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 <223> fibrinogen-binding peptide - 10

<220>  
<221> X  
<222> 4  
<223> any amino acid

<400> 25  
Gly Pro Arg Xaa  
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<210> 26  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Conjugate peptide

<400> 26  
Cys His His Leu Gly Gly Ala Lys Gln Ala Gly Asp Val  
1 5 10

<210> 27  
<211> 4  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Terminal tetrapeptide

<400> 27  
Gly Ala Leu Pro  
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<210> 28  
<211> 11  
<212> PRT  
<213> Artificial Sequence

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<223> Variant of B12 peptide

<220>  
<221> VARIANT  
<222> 2,6,10  
<223> Xaa = Asp or Glu

<400> 28  
Thr Xaa Val Asn Gly Xaa Gly Arg His Xaa Leu  
1 5 10

<210> 29  
<211> 11  
<212> PRT

<213> Artificial Sequence

<220>

<223> Variant of B12 peptide

<220>

<221> VARIANT

<222> 3

<223> Xaa = Val or Leu

<400> 29

Thr Asp Xaa Asn Gly Asp Gly Arg His Asp Leu  
1 5 10

<210> 30

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Variant of B12 peptide

<220>

<221> VARIANT

<222> 4

<223> Xaa = Asn or Gln

<400> 30

Thr Asp Val Xaa Gly Asp Gly Arg His Asp Leu  
1 5 10

<210> 31

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Variant of B12 peptide

<220>

<221> VARIANT

<222> 8

<223> Xaa = Arg or Lys

<400> 31

Thr Asp Val Asn Gly Asp Gly Xaa His Asp Leu  
1 5 10

<210> 32

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Possible amino terminus sequence

<220>

<221> VARIANT

<222> 2

<223> Xaa = Pro, His or Val

<220>

<221> VARIANT

<222> 4

<223> Xaa = any amino acid

<400> 32

Gly Xaa Arg Xaa

1

<210> 33

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> N-terminal sequence of the a-chain of fibrin  
exposed by the action of thrombin

<220>

<221> VARIANT

<222> 4

<223> Xaa = Sarcosine

<400> 33

Gly Pro Arg Xaa

1

<210> 34

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> N-terminal sequence of the a-chain of fibrin  
exposed by the action of thrombin

<400> 34

Gly Pro Arg Gly

1

<210> 35

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> N-terminal sequence of the a-chain of fibrin

exposed by the action of thrombin

<400> 35

Gly Pro Arg Val

1

<210> 36

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Possible amino terminus sequence

<220>

<221> VARIANT

<222> 2

<223> Xaa = Pro or His

<220>

<221> VARIANT

<222> 4

<223> Xaa = any amino acid

<400> 36

Gly Xaa Arg Xaa

1